

NORMALS, MEANS, AND EXTREMES

CHATTANOOGA, TN (CHA)

LATITUDE:		LONGITUDE:		ELEVATION (FT):						TIME ZONE:				WBAN: 13882	
35° 02' 00" N		85° 12' 00" W		GRND: 665		BARO: 681		EASTERN (UTC+ 5)							
	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	46.8	52.4	61.8	71.4	78.5	86.4	89.0	88.2	82.1	72.0	61.1	50.8	70.0
	MEAN DAILY MAXIMUM	50	48.9	53.8	61.9	72.4	79.8	86.6	89.6	88.6	82.5	72.4	60.7	51.5	70.7
	HIGHEST DAILY MAXIMUM	58	78	79	87	93	99	104	106	105	102	94	84	78	106
	YEAR OF OCCURRENCE	1949	1989	1963	1942	1941	1952	1952	1947	1954	1954	1954	1961	1951	JUL 1952
	MEAN OF EXTREME MAXS.	50	67.1	71.8	79.3	86.6	89.7	94.8	96.8	95.8	92.6	84.4	76.0	68.8	83.6
	NORMAL DAILY MINIMUM	30	28.0	31.1	39.0	46.8	55.4	63.9	68.3	67.7	62.6	48.9	39.9	31.2	48.6
	MEAN DAILY MINIMUM	50	29.9	32.4	39.2	47.3	56.0	64.3	68.6	67.7	61.2	48.2	38.1	32.1	48.8
	LOWEST DAILY MINIMUM	58	-10	1	8	25	34	41	51	50	36	22	4	-2	-10
	YEAR OF OCCURRENCE	1985	1958	1960	1992	1971	1972	1972	1946	1967	1952	1952	1950	1983	JAN 1985
	MEAN OF EXTREME MINS.	50	11.2	14.8	23.1	31.5	41.3	53.1	59.6	58.9	47.6	32.4	22.6	15.4	34.3
	NORMAL DRY BULB	30	37.4	41.8	50.4	59.1	66.9	75.2	78.7	77.9	72.4	60.4	50.5	41.1	59.3
	MEAN DRY BULB	50	39.4	43.1	50.5	59.8	67.9	75.4	79.1	78.2	71.8	60.3	49.3	41.9	59.7
	MEAN WET BULB	14	36.1	39.6	45.7	52.6	61.6	69.0	72.2	66.1	65.4	55.0	45.7	39.1	54.0
	MEAN DEW POINT	14	30.3	33.2	38.6	45.7	57.1	65.5	68.9	63.2	62.2	50.7	40.6	33.8	49.1
	NORMAL NO. DAYS WITH:														
	MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.2	1.8	8.3	15.1	12.7	4.1	0.1	0.0	0.0	42.3
	MAXIMUM ≤ 32°	30	3.0	1.1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	1.0	5.1
	MINIMUM ≤ 32°	30	20.9	16.0	8.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	8.6	17.7
	MINIMUM ≤ 0°	30	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4
H/C	NORMAL HEATING DEG. DAYS	30	856	650	453	196	57	0	0	0	9	190	435	741	3587
	NORMAL COOLING DEG. DAYS	30	0	0	0	19	116	306	425	400	231	47	0	0	1544
RH	NORMAL (PERCENT)	30	71	68	66	64	72	73	75	76	77	75	74	73	72
	HOUR 01 LST	30	77	76	75	76	86	87	87	89	89	88	83	79	83
	HOUR 07 LST	30	81	80	82	83	89	90	91	92	92	90	86	82	86
	HOUR 13 LST	30	62	58	54	49	55	56	59	59	60	55	58	62	57
	HOUR 19 LST	30	64	58	53	48	57	59	63	65	67	68	68	68	62
S	PERCENT POSSIBLE SUNSHINE	66	43	49	53	61	65	65	62	63	64	63	53	44	57
	MEAN NO. DAYS WITH:														
W/O	HEAVY FOG(VISBY≤1/4 MI)	67	3.0	1.6	1.7	1.5	2.3	2.0	2.0	2.5	3.7	5.8	3.8	3.2	33.1
	THUNDERSTORMS	67	1.2	1.9	3.7	4.7	7.2	9.4	11.1	9.1	4.1	1.3	0.6	0.6	55.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
PR	MEAN NO. DAYS WITH:														
	CLEAR	1	1.0	2.0	4.0		13.0	10.0							
	PARTLY CLOUDY	1	8.0	6.0	8.0		5.0	6.0							
WINDS	MEAN STATION PRESSURE(IN)	25	29.40	29.37	29.31	29.29	29.27	29.28	29.31	29.32	29.34	29.38	29.39	29.41	29.34
	MEAN SEA-LEVEL PRES. (IN)	14	30.15	30.12	30.06	30.00	30.01	29.99	30.03	30.03	30.05	30.10	30.14	30.17	30.07
	MEAN SPEED (MPH)	45	6.9	7.2	7.7	7.3	5.8	5.2	4.9	4.4	4.7	4.8	5.8	6.3	5.9
	PREVAIL.DIR(TENS OF DEGS)	29	36	36	18	18	18	18	18	18	18	36	18	18	18
	MAXIMUM 2-MINUTE:														
PRECIPITATION	SPEED (MPH)	2	30	30	44	30	32	34	44	43	24	24	23	29	44
	DIR. (TENS OF DEGS)	2	26	34	32	31	30	30	60	10	20	20	34	22	30
	YEAR OF OCCURRENCE	1996	1996	1997	1996	1996	1997	1997	1996	1997	1997	1997	1996	1996	JUL 1997
	MAXIMUM 5-SECOND:														
	SPEED (MPH)	2	44	34	54	40	39	41	53	46	29	31	31	38	54
SNOWFALL	DIR. (TENS OF DEGS)	2	30	34	31	32	31	29	31	24	20	22	21	31	31
	YEAR OF OCCURRENCE	1997	1996	1997	1996	1996	1997	1997	1996	1997	1997	1997	1996	1996	MAR 1997
	NORMAL (IN)	30	4.89	4.81	6.03	4.31	4.37	3.52	4.85	3.53	4.15	3.22	4.61	5.17	53.46
	MAXIMUM MONTHLY (IN)	58	12.28	11.03	16.32	11.92	9.21	9.40	11.93	7.54	14.18	9.91	13.59	13.68	16.32
	YEAR OF OCCURRENCE	58	1947	1944	1980	1964	1979	1949	1994	1975	1977	1949	1948	1961	MAR 1980
PRECIPITATION	MINIMUM MONTHLY (IN)	58	0.90	0.62	1.17	0.44	0.54	0.63	0.20	0.56	0.34	0.22	0.93	0.86	0.20
	YEAR OF OCCURRENCE	58	1986	1941	1967	1942	1941	1988	1957	1963	1941	1991	1953	1965	JUL 1957
	MAXIMUM IN 24 HOURS (IN)	58	4.44	4.39	6.53	3.36	3.47	4.85	5.77	3.70	6.62	4.19	4.56	5.25	6.62
	YEAR OF OCCURRENCE	58	1949	1995	1973	1983	1979	1949	1979	1941	1977	1995	1948	1942	SEP 1977
	NORMAL NO. DAYS WITH:														
SNOWFALL	PRECIPITATION ≥ 0.01	30	11.2	9.8	11.6	9.5	10.2	10.1	11.5	10.0	8.5	7.1	9.6	10.7	119.8
	PRECIPITATION ≥ 1.00	30	1.4	1.5	1.5	1.3	1.2	0.9	1.3	0.9	1.2	1.0	1.5	1.5	15.2
PRECIPITATION	NORMAL (IN)	30	2.6	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.*	0.7	4.8
	MAXIMUM MONTHLY (IN)	66	10.2	10.4	20.0	2.8	T	T	0.0	0.0	0.0	0.0	2.8	9.1	20.0
	YEAR OF OCCURRENCE	66	1988	1960	1993	1987	1944	1995	0	0	0.0	0.0	1993	1950	1963
	MAXIMUM IN 24 HOURS (IN)	66	10.2	8.7	20.0	2.8	T	T	0.0	0.0	0.0	0.0	2.8	8.9	20.0
	YEAR OF OCCURRENCE	66	1988	1960	1993	1987	1944	1995	0	0	0.0	0.0	1993	1950	1963
SNOWFALL	MAXIMUM SNOW DEPTH (IN)	48	47	6	19	2	0	0	0	0	0	0	2	3	47
	YEAR OF OCCURRENCE	48	1948	1960	1993	1987	1944	1995	0	0	0	0	1950	1963	JAN 1948
	NORMAL NO. DAYS WITH:														
SNOWFALL	SNOWFALL ≥ 1.0	30	0.7	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4